

RESEARCH, DEVELOPMENT & TECHNOLOGY TRANSFER QUARTERLY PROGRESS REPORT

Wisconsin Department of Transportation
DT1241 8/2010

INSTRUCTIONS:

Research project investigators and/or project managers should complete a quarterly progress report (QPR) for each calendar quarter during which the projects are active.

WisDOT research program category: <input type="checkbox"/> Policy research <input type="checkbox"/> Other <input checked="" type="checkbox"/> Wisconsin Highway Research Program <input type="checkbox"/> Pooled fund TPF#		Report period year: <input type="checkbox"/> Quarter 1 (Jan 1 – Mar 31) <input checked="" type="checkbox"/> Quarter 2 (Apr 1 – Jun 30) <input checked="" type="checkbox"/> Quarter 3 (Jul 1 – Sep 30) <input type="checkbox"/> Quarter 4 (Oct 1 – Dec 31)
Project title: Analysis of Trends/Correlations of Historical WisDOT Soil Lab Test Results Through Development of a Database		
Project investigator: Mark S. Meyers	Phone: 608-342-1542	E-mail: meyersm@uwplatt.edu
Administrative contact: Peg Lafky	Phone: 608-266-3663	E-mail: Marguerite.Lafky@dot.wi.gov
WisDOT contact: Jeff Horsfall	Phone: 608-243-5993	E-mail: jeffrey.horsfall@dot.wi.gov
WisDOT project ID: 0092-11-04	Other project ID:	Project start date: 10/21/2010
Original end date: 10/21/2012	Current end date: 10/21/2012	Number of extensions: 0

Project schedule status:

☒ On schedule ☐ On revised schedule ☐ Ahead of schedule ☐ Behind schedule

Project budget status:

Total Project Budget	Expenditures Current Quarter	Total Expenditures	% Funds Expended	% Work Completed
\$63,951.00	\$179.58	12,184.90	20%	30%

Project description:

The objectives of this project are to create an electronic database of WisDOT soil laboratory testing results that will be linked to a Geographic Information System (GIS) to allow for searching WisDOT project related records by spatial location, which will facilitate the planning of geotechnical explorations and provide geotechnical data for planning and design of transportation facilities and to analyze the data in the database for trends and correlations relating to location, soil type, soil classification, geologic source, index properties, structural design values, etc., and to compare the trends to typical published values for respective soil types.

Progress this quarter (includes meetings, work plan status, contract status, significant progress, etc.):

Progress this quarter included continuing the Literature Search, developing the database fields, scanning the Geotechnical Engineering Testing Data at the Truax Lab, and starting to provision the database. Data from 2000 through 2011 has been scanned. We did not get out to the regions to start scanning that data. Data from 205 to 2010 has been entered into the database.

Anticipated work next quarter:

We will continue scanning Geotechnical data at the DOT Truax Office and entering data into the database. We will initiate scanning of Geotechnical Data at the Regional Offices.

Circumstances affecting project or budget:

[We do not see any circumstances that will affect the project schedule or the project budget at this time.](#)

Exhibit 1

UW-Platteville Schedule Update



Staff receiving QPR:	Date received:
Staff approving QPR:	Date approved: